



Cross Puzzle

Written By: Billy



TOOLS:

- [File \(1\)](#)
- [Measuring tape \(1\)](#)
- [Sandpaper \(1\)](#)
- [Table saw \(1\)](#)
(if you have one), or you could use a bandsaw, or the old-fashioned hand saw



PARTS:

- [Wood! \(1\)](#)
(Hard or Soft)
- [Your favorite stain, or danish oil, or boiled linseed \(1\)](#)
depending on what kind of wood you are using and what finish you would like to achieve.

SUMMARY

I first came across this puzzle a few years ago at my uncle's estate sale; apparently it was his father's. I'm not sure if he made it himself or just came across it but I thought it was quite unique. I've made them out of hardwood and softwood. They also make great gifts for the young and old.

Step 1 — Cross Puzzle



- As you can see from the blueprint we are working with 1 x 1 x 4 inch wood stock. If you would like to adjust the blueprints you can make it any size you like. You can use hard or soft wood, I myself had a piece of mahogany kicking around. I sawed it down to inch by inch stock (1" x 1").

Step 2



- Now you can cut your inch by inch (1" x 1") to 4" lengths. You should mark the cuts that you'll make for each puzzle piece you'll be cutting; it's a little more accurate.

Step 3



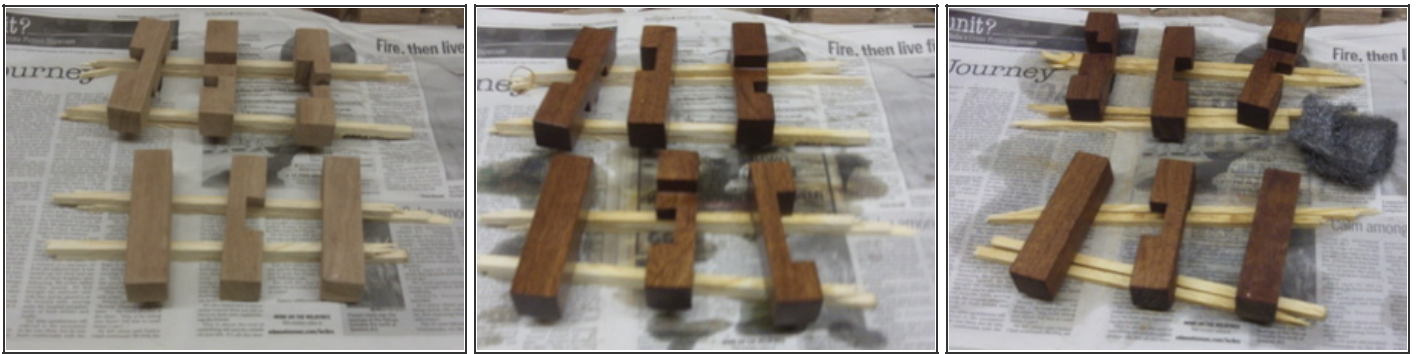
- I myself used a table saw set at 1/2" inch height and I eyed up the lines to get an accurate cut. You can use a band saw as that will work well too. After each piece is cut you could clean up the cut with a file.

Step 4



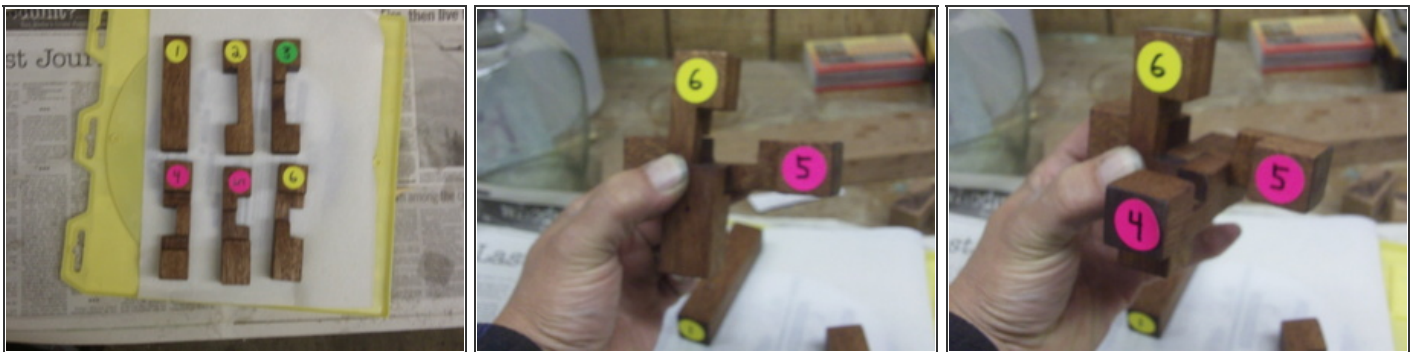
- After your pieces are cut and cleaned up, sand for smoothness.

Step 5



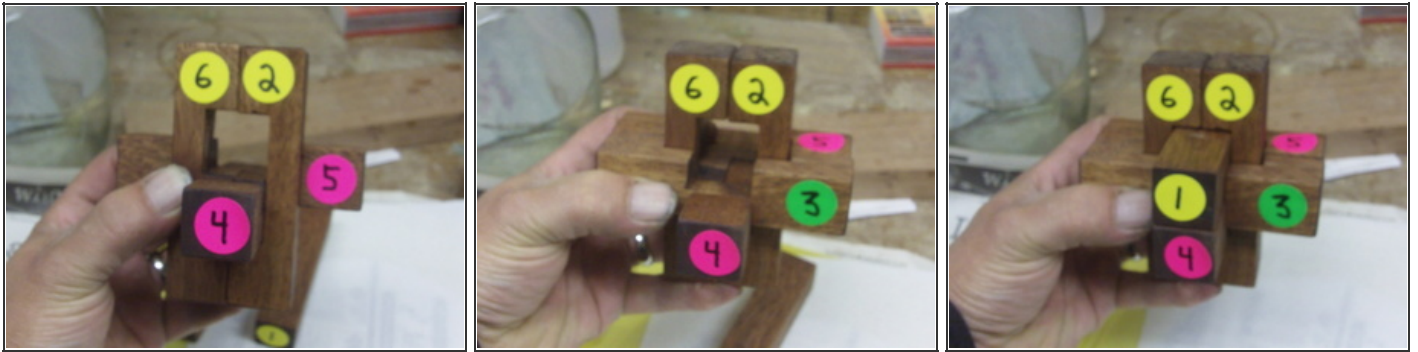
- Time for paint, stain, oil or boiled linseed for your desired look. I used the Tung N Teak oil on this project. Of course, I put about 3 coats on and let dry in between, buffed down with steel wool and one more coat, let dry for 20 minutes and hand rubbed.

Step 6



- THE SOLUTION:
- As you can see by the numbered layout, put 6 and 5 together as in the picture, then insert 4 as shown.

Step 7



- Next step, add 2 as shown, then insert 3, then slide in 1, the piece that is not cut; I call it the KEY.
- Hope you enjoy building your own cross puzzle as I did. It gave me many pleasurable years of messing with my friends' minds.

I myself had a piece of mahogany, but you could also use oak, cherry, or soft woods like spruce, pine or cedar. I used Danish oil since I used hard wood for this project.

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